

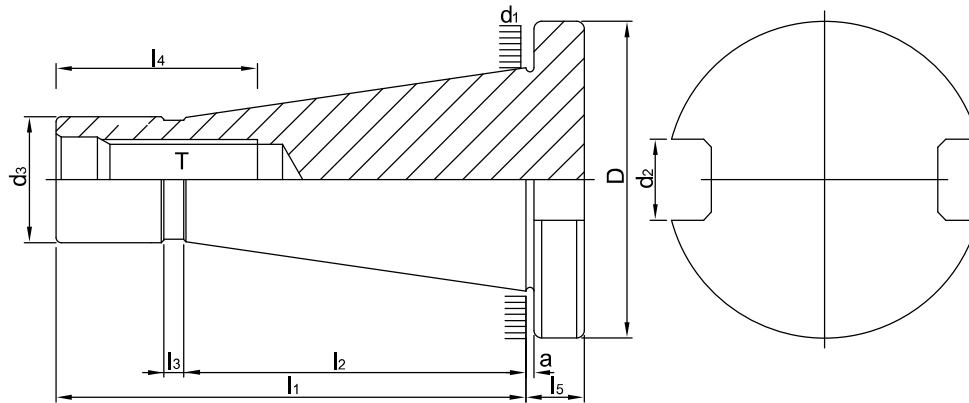


NT & MT

TOOL HOLDER SYSTEM

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DIN 2080

TYPE	D 0 -0.4	d ₁	d ₂ H12	d ₃ max	a ±0.2	l ₁	l ₂	l ₃	l ₄ mix	l ₅ ±0.15	T
NT30	49	31.75	16.1	17.04	1.6	68.4	48.4	3	24	8	1/2" - 12W, M12 x 1.75P, 1/2" - 13UNC
NT40	63	44.45	16.1	24.92	1.6	93.4	65.4	5	32	10	5/8" - 11W, M16 x 2.0P
NT50	97.5	69.85	25.7	39.19	3.2	126.8	101.8	8	47	12	1" - 8W, M24 x 3.0P

1. Taper tolerance < AT3
2. Basic material: JIS-SCM415
3. Hardness > HRC 56° Carbon depth > 0.8mm
4. Roundness < 0.8 μ m
5. Surface roughness: Ra < 0.25 μ m
7. Shank body standard: DIN2080

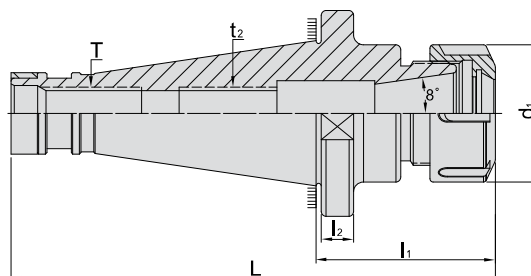


NT / ER COLLET HOLDER

SYIC-04730

NT / ER 銑夾頭柄

DIN ISO 15488



- Steel: SCM - 21.
- At the end of body, there's a plastic ring protecting the spindle from damage.
- Can purchase holder alone. Each holder has been locked with a clamping nut, but without a spanner.
- Please inform DRAW BAR's size when purchasing holder.

MODEL NO.	TYPE DIN2080 x ER x l ₁	L	l ₂	d ₁	t ₂	T DRAW BAR	WEIGHT (KGS)
SYIC - 04732	NT30 x ER16A - 45	111.4	8	28	M10 x 1.5P	M12 x 1.75P or 1/2" - 12	0.50
SYIC - 04733	NT30 x ER20A - 45	113.4		34	M12 x 1.75P		0.60
SYIC - 04734	NT30 x ER25 - 55	123.4		42	M16 x 2.0P		0.65
SYIC - 04735	NT30 x ER32 - 60	128.4		50			0.80
SYIC - 04736	NT30 x ER40 - 75	143.4		63			0.90
SYIC - 04738	NT40 x ER16A - 45	138.4	10	28	M10 x 1.5P	M16 x 2.0P or 5/8" - 11	0.95
SYIC - 04740	NT40 x ER20A - 45	138.4		34	M12 x 1.75P		1.20
SYIC - 04742	NT40 x ER25 - 55	148.4		42	M16 x 2.0P		1.25
SYIC - 04743	NT40 x ER32 - 60	153.4		50			1.30
SYIC - 04745	NT40 x ER40 - 70	163.4		63	M20 x 2.0P		1.35
SYIC - 04746	NT40 x ER50 - 80	173.4		78	M24 x 2.0P		2.00
SYIC - 04748	NT50 x ER32 - 75	201.8	12	50	M16 x 2.0P	M24 x 3.0P or 1" - 8	3.20
SYIC - 04749	NT50 x ER40 - 80	206.8		63	M20 x 2.0P		3.40
SYIC - 04750	NT50 x ER50 - 80	206.8		78	M24 x 2.0P		3.70

Standard Accessory: • STANDARD NUT

Option

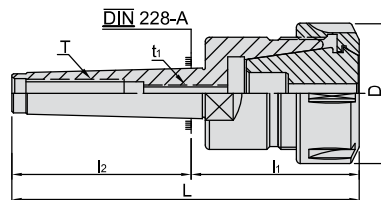
COLLET	NUT	SPANNER	PRESET SCREW
			
P225	P241	P250	P275

MTB / ER COLLET HOLDER

SYIC-04700

MTB / ER 銑床夾頭柄

DIN ISO 15488

SYIC-83640
P.266

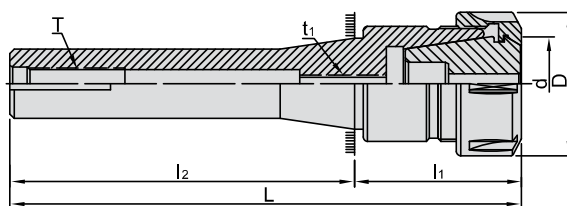
- MTB=MK.
- MTB+TANG=MTA.
- For Tang see model number SYIC-83640.

MODEL NO.	TYPE MTB x ER x l ₁	l ₂	L	D	t ₁	T DRAW BAR	WEIGHT (K G S)
SYIC - 04700	MTB2 x ER20A - 52	64	116	35	M10 x 1.5P	M10 x 1.5 P, 3/8" W16	0.45
SYIC - 04701	MTB2 x ER25 - 55		119	42			0.50
SYIC - 04702	MTB3 x ER25 - 55	81	136	42	M12 x 1.75P	M12 x 1.75P, 1/2" W12	0.60
SYIC - 04703	MTB3 x ER32 - 60		141	50			0.80
SYIC - 04704	MTB3 x ER40 - 70		151	63			1.30
SYIC - 04705	MTB4 x ER32 - 60	102.5	162.5	50	M16 x 2.0P	M16 x 2.0P, 5/8" W11	0.95
SYIC - 04706	MTB4 x ER40 - 70		172.5	63			1.50

R8 / ER COLLET HOLDER

SYIC-04715

R8 / ER 銑床夾頭柄



- Steel: SCM - 21.
- HRC: 56°.
- Body's thread is ground precisely.

- Each holder has been locked with pin nut, but not including the spanner.
- For a whole set, please refer to SYIC-04900.

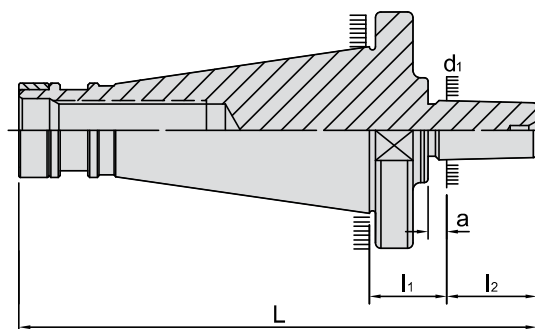
MODEL NO.	TYPE R8 x ER x l ₁	l ₂	L	D	d ₁	t ₁	T DRAW BAR	WEIGHT (KGS)
SYIC - 04717	R8 x ER16A - 38	102	135	28	16	M10 x 1.5P	7/16" NF20	0.65
SYIC - 04718	R8 x ER32 - 60		162	50	32	M12 x 1.75P		0.90
SYIC - 04719	R8 x ER40 - 65		168	63	40	M16 x 2.0P		1.15



NT DRILL CHUCK ARBOR

SYIC-81530

NT 夾頭心軸



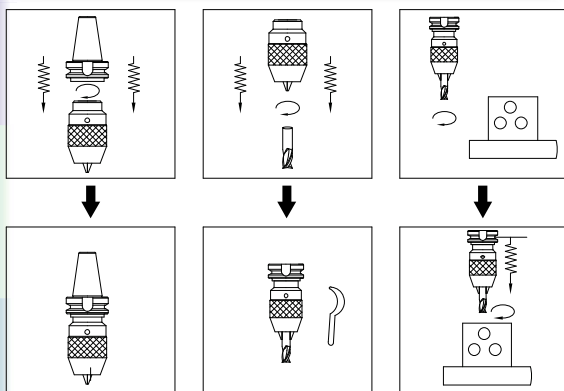
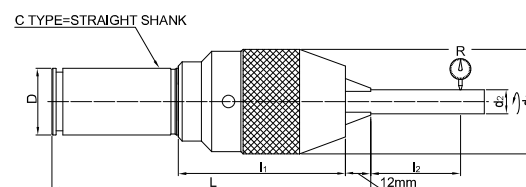
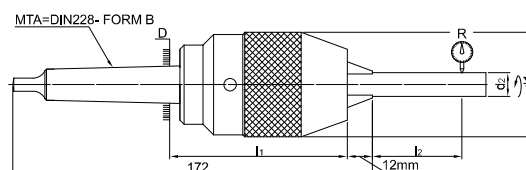
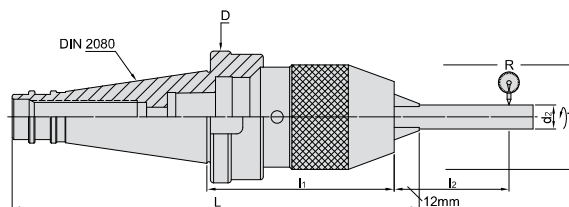
- Concentricity: 0.005mm.
- Roundness: 0.005mm.
- When ordering, please inform Draw Bar thread (inch or metric system).

MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	a	WEIGHT (KGS)
SYIC - 81512	NT30 x B16	111	18.6	24	15.733	5	0.35
SYIC - 81513	NT40 x B16	138	20.6				0.80
SYIC - 81514	NT50 x B16	176	26.2				2.85
SYIC - 81533	NT30 x JT3	118.95	19.6	30.95	20.599	5	0.45
SYIC - 81536	NT30 x JT6	112.4	18.6	25.4	17.17	4	0.40
SYIC - 81543	NT40 x JT3	144.95	20.6	30.95	20.599	5	0.95
SYIC - 81546	NT40 x JT6	139.4	20.6	25.4	17.17	4	0.85
SYIC - 81553	NT50 x JT3	182.95	26.2	30.95	20.599	5	3.00
SYIC - 81556	NT50 x JT6	176.4	25.2	25.4	17.17	4	2.90

SPU DRILL CHUCK INTEGRATED TYPE

SYIC-82230

SPU 直結式鑽夾頭



- Avoid chuck falling off.
⊙ Inside with tightening design for thread.
- Can be used for heavy-duty cutting & high-speed cutting.
⊙ Drill never loosening or falling off.
- It also can process for higher work-piece.
⊙ Additional use range of machine.

This product adds multi safety design, able to provide for Machine Center, in full automatic operation controlled by computer, and unmanned management process, it can be progressed safely and smoothly.

MODEL NO.	TYPE	l ₁	l ₂	L	D	d ₁	d ₂	R	WEIGHT (KGS)
SYIC - 82229	C20 x SPU8 - 81	81	55	134	20	37	10	0.04	1.15
SYIC - 82230	C20 x SPU13 - 81			158	20	1.20			
SYIC - 82231	C25 x SPU13 - 81			174	25	1.30			
SYIC - 82232	C32 x SPU13 - 81			174	32	1.50			
SYIC - 82233	MTA3 x SPU13 - 86	86	187	50	50	5	1.30		
SYIC - 82234	MTA4 x SPU13 - 87.5	87.5	216	50			1.65		
SYIC - 82236	NT30 x SPU13 - 110	110	200.4	49			1.50		
SYIC - 82237	NT40 x SPU13 - 90	90	195.4	63			1.85		
SYIC - 82238	NT50 x SPU13 - 80	80	75	218.8	97.5	13	3.80		
SYIC - 82239	R8 x SPU13 - 110	110	55	223	54	10	1.80		
SYIC - 82245	NT30 x SPU 8 - 80	80		160.4	49	5	1.30		
SYIC - 82246	NT40 x SPU8 - 80			185.4	63	5	1.65		
SYIC - 82247	NT40 x SPU16 - 100	100	75	205.4	63	57	13		1.90
SYIC - 82248	NT50 x SPU16 - 100			238.8	97.5		13		4.20

Standard Accessory: • SPANNER

Option

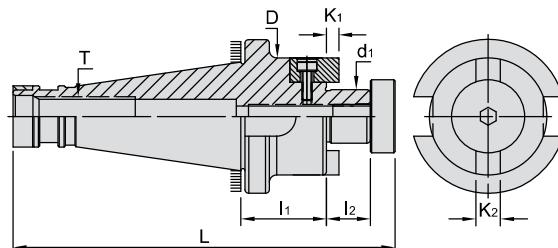
SPANNER	TANG
P250	P266



NT FACE MILL ARBOR

SYIC-82800

NT 平面銑刀柄

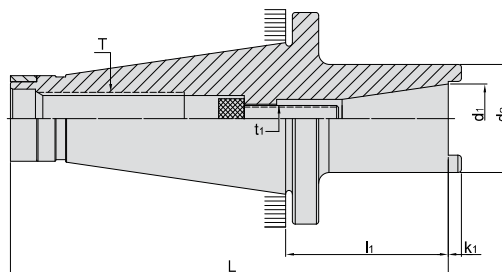


- d1=the external dia. of face mill cutter.
- There's a plastic ring at the end of the shank to protect machine spindle.
- When making an order, please inform Draw Bar size.

MODEL NO.	TYPE d ₁	D	L	l ₁	l ₂	K ₁	K ₂	T	WEIGHT (KGS)
SYIC - 82802	NT30 x FMA25.40	46	139.4	35	20	4.5	9.52	1/2" - 12 or M12 x 1.75P	0.55
SYIC - 82803	NT30 x FMA31.75	60	141.4		22	5.7	12.7		0.75
SYIC - 82804	NT30 x FMA38.10	70	148.9		25	6.87	15.87		2.10
SYIC - 82807	NT40 x FMA25.40	63	164.4		20	4.5	9.52	5/8" - 11 or M16 x 2.0P	1.45
SYIC - 82808	NT40 x FMA31.75		166.4		22	5.7	12.7		1.75
SYIC - 82809	NT40 x FMA38.10		173.4		25	6.87	15.87		2.00
SYIC - 82810	NT40 x FMA50.80	98	174.9		36	9.75	19.05		2.55
SYIC - 82811	NT40 x FMA47.62	128.75	149.4	24	32	12.5	25.4	1" - 8 or M24 x 3.0P	2.90
SYIC - 82813	NT50 x FMA25.40	50	182.8	45	20	4.5	9.52		3.30
SYIC - 82814	NT50 x FMA31.75	60	184.8		22	5.7	12.7		3.40
SYIC - 82815	NT50 x FMA38.10	70	192.3		25	6.87	15.87		3.60
SYIC - 82816	NT50 x FMA50.80	90	193.3		36	9.75	19.05		3.90
SYIC - 82817	NT50 x FMA47.62	128.75	157.8	24	32	12.5	25.4		4.90
SYIC - 82827	NT30 x FMB22mm	42	136.4	35	19	4	10	1/2" - 12 or M12 x 1.75P	0.67
SYIC - 82828	NT30 x FMB27mm	60	139.4		20	5	12		1.00
SYIC - 82829	NT30 x FMB32mm	65	141.4		22	6	14		1.20
SYIC - 82830	NT30 x FMB40mm	80	148.9		25	7	16	5/8" - 11 or M16 x 2.0P	1.40
SYIC - 82831	NT40 x FMB22mm	48	163.4		19	4	10		1.25
SYIC - 82832	NT40 x FMB27mm	58	166.4		20	5	12		1.45
SYIC - 82833	NT40 x FMB32mm	65	168.4		22	6	14		1.70
SYIC - 82834	NT40 x FMB40mm	80	175.9		25	7	16		2.50
SYIC - 82835	NT50 x FMB22mm	48	206.8	45	19	4	10	1" - 8 or M24 x 3.0P	3.50
SYIC - 82836	NT50 x FMB27mm	58	207.8		20	5	12		3.90
SYIC - 82837	NT50 x FMB32mm	65	214.3		22	6	14		4.00
SYIC - 82838	NT50 x FMB40mm	80	217.3		25	7	16		4.83

SYIC-82850

NT 套筒



- Please inform the DRAW BAR'S size when making an order.

MODEL NO.	TYPE TAPER x d ₁ - l ₁	d ₂	L	K ₁	T	t ₁	WEIGHT (KGS)
SYIC - 82852	NT40 x TSA30M - 75	50	174.4	6	5/8" - 11 or M16 x 2.0P	M12 x 1.75P	1.8
SYIC - 82854	NT40 x TSA30U - 75					1/2" - 12	1.8
SYIC - 82856	NT50 x TSA30M - 75		207.8		1" - 8 or M24 x 3.0P	M12 x 1.75P	5.0
SYIC - 82858	NT50 x TSA30U - 75					1/2" - 12	5.0
SYIC - 82860	NT50 x TSA40M - 75	85	209.8	8		M16 x 2.0P	4.6
SYIC - 82862	NT50 x TSA40U - 75					5/8" - 11	4.6

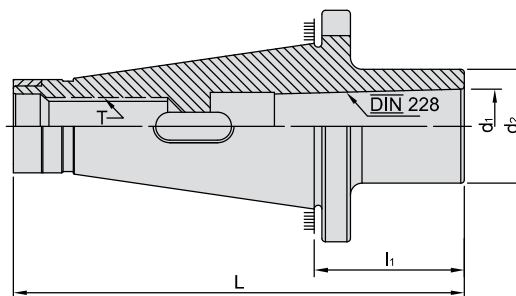


NT MORSE TAPER ADAPTER

SYIC-82900

NT 斜柄鑽頭套筒

DIN 6383



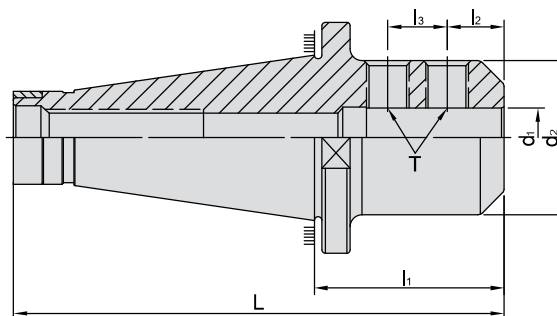
- Hardened & precision ground (I.D & O.D).
- Ronudness: 0.005mm.
- MTA=TANG TYPE=DIN 228-B.
- MTB=DRAW BAR TYPE=DIN 228-A.
- Best selected top quality tools steel fully hardened and ground. Morse taper inside hole and outside shank.
- When you are ordering this product, be sure to tell us the DRAW BAR SIZE you are going to use.

MODEL NO.	TYPE	l ₁	L	d ₁	d ₂	T	WEIGHT (KGS)
SYIC - 82900	NT30 x MTA2	55.5	123.9	17.78	32	1/2" - 12 or M12 x 1.75P	0.50
SYIC - 82901	NT30 x MTA3	74	142.4	23.825	40		0.55
SYIC - 82902	NT40 x MTA2	25	118.4	17.78	32	5/8" - 11 or M16 x 2.0P	0.80
SYIC - 82903	NT40 x MTA3	47	140.4	23.825	40		0.85
SYIC - 82904	NT40 x MTA4	82	175.4	31.267	48		1.25
SYIC - 82905	NT40 x MTA5	170	263.4	44.399	63		1.45
SYIC - 82907	NT50 x MTA2	20	146.8	17.78	32	1" - 8 or M24 x 3.0P	2.80
SYIC - 82908	NT50 x MTA3	30	156.8	23.825	40		2.90
SYIC - 82909	NT50 x MTA4	60	186.8	31.267	48		3.00
SYIC - 82910	NT50 x MTA5	86.2	209.8	44.399	63		3.10



SYIC-83200

NT / SLN 側固式立銑刀柄

DIN 1835DIN 6359DIN 1835-C

• Tolerance of internal hole: H5

MODEL NO.	TYPE d ₁ - l ₁	L	d ₂	l ₂	l ₃	T	WEIGHT (KGS)			
SYIC - 83230	NT30 x SLN6 - 40	108.4	25	18	-	M6 x 1.0P	0.50			
SYIC - 83231	NT30 x SLN8 - 40		28	18		M8 x 1.25P	0.60			
SYIC - 83232	NT30 x SLN10 - 40		35	20		M10 x 1.5P	0.60			
SYIC - 83233	NT30 x SLN12 - 50	118.4	42	22.5		M12 x 1.75P	0.65			
SYIC - 83234	NT30 x SLN16 - 50		48	24		M14 x 2.0P	0.75			
SYIC - 83235	NT30 x SLN20 - 63	131.4	52	25		M16 x 2.0P	1.10			
SYIC - 83236	NT30 x SLN25 - 80	148.4	65	24	25	M18 x 2.0P	1.20			
SYIC - 83240	NT40 x SLN6 - 50	143.4	25	18	-	M6 x 1.0P	0.90			
SYIC - 83241	NT40 x SLN8 - 50		28	18		M8 x 1.25P	0.95			
SYIC - 83242	NT40 x SLN10 - 50		35	20		M10 x 1.5P	1.10			
SYIC - 83243	NT40 x SLN12 - 50		42	22.5		M12 x 1.75P	1.00			
SYIC - 83244	NT40 x SLN16 - 63	156.4	48	24		M14 x 2.0P	1.40			
SYIC - 83245	NT40 x SLN20 - 63		52	25		M16 x 2.0P	1.45			
SYIC - 83246	NT40 x SLN25 - 80	173.4	65	24	25	M18 x 2.0P	2.10			
SYIC - 83247	NT40 x SLN32 - 80		72		28	M20 x 2.0P	2.50			
SYIC - 83250	NT50 x SLN6 - 63	189.8	25	18	-	M6 x 1.0P	2.90			
SYIC - 83251	NT50 x SLN8 - 63		28	18		M8 x 1.25P	3.00			
SYIC - 83252	NT50 x SLN10 - 63		35	20		M10 x 1.5P	3.20			
SYIC - 83253	NT50 x SLN12 - 63		42	22.5		M12 x 1.75P	3.30			
SYIC - 83254	NT50 x SLN16 - 63		48	24		M14 x 2.0P	3.50			
SYIC - 83255	NT50 x SLN20 - 63		52	25		M16 x 2.0P	3.60			
SYIC - 83256	NT50 x SLN25 - 80	206.8	65	24	25	M18 x 2.0P	4.20			
SYIC - 83257	NT50 x SLN32 - 80		72		28	M20 x 2.0P	4.40			
SYIC - 83258	NT50 x SLN40 - 100	226.8	90	30	32		4.40			
SYIC - 83261	NT50 x SLN40 - 120	246.8					100	35	35	4.20
SYIC - 83259	NT50 x SLN42 - 120									4.60
SYIC - 83263	NT50 x SLN50 - 120		125	40	40	M24 x 2.0P			4.80	
SYIC - 83265	NT50 x SLN63 - 120					5.40				
SYIC - 83267	NT50 x SLN50.8 - 120	95			33.1	28.58	M20 x 2.0P	5.00		

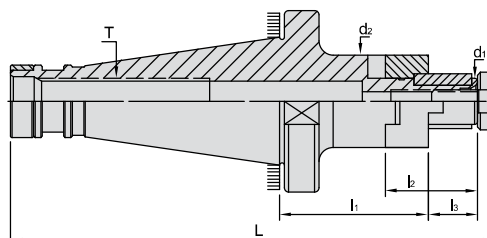


NT / COMBI SHELL END MILL ARBOR

SYIC-83360

NT 聯結式銑刀柄

DIN 6358



- Steel: SCM-21.
- HRC: 58°.
- Shank includes removable ring, nut and spanner.
- Can purchase removable ring, nut, & spanner separately.
- Please specify the DRAW BAR'S size when making an order.

MODEL NO.	TYPE d ₁ - l ₁	L	l ₂	l ₃	d ₂	T	WEIGHT (KGS)
SYIC - 83362	NT30 x CSR16 - 25	126	27	17	32	1/2" - 12 or M12 x 1.75P	1.4
SYIC - 83364	NT30 x CSR22 - 25	129	31	19	40		1.6
SYIC - 83366	NT30 x CSR27 - 25	132	33	21	48		1.8
SYIC - 83372	NT40 x CSR16 - 40	168	27	17	32	5/8" - 11 or M16 x 2.0P	2.2
SYIC - 83374	NT40 x CSR22 - 40	171	31	19	40		2.4
SYIC - 83376	NT40 x CSR27 - 40	174	33	21	48		2.6
SYIC - 83378	NT40 x CSR32 - 40	178	38	24	58		2.8
SYIC - 83380	NT40 x CSR40 - 40	182	41	27	70		3.0
SYIC - 83382	NT50 x CSR16 - 40	205	27	17	32	1" - 8 or M24 x 3.0P	4.4
SYIC - 83384	NT50 x CSR22 - 40	208	31	19	40		4.6
SYIC - 83386	NT50 x CSR27 - 40	211	33	21	48		4.8
SYIC - 83388	NT50 x CSR32 - 40	215	38	24	58		5.0
SYIC - 83390	NT50 x CSR40 - 40	219	41	27	70		5.2
SYIC - 83392	NT50 x CSR50 - 40	224	46	30	90		5.4

Standard Accessory: • KET • REMOVABLE RING • SPANNER

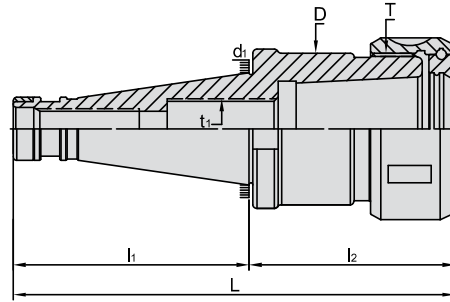
Option

KEY	REMOVABLE RING	NUT	SPANNER
			
P247	P247	P247	P247

SYIC-83670

EOC 立銑刀夾頭

DIN ISO 10897



TAPER	DRAW BAR
MTB 2	3/8" - 16 or M10 x 1.5P
MTB 3	1/2" - 12 or M12 x 1.75P
MTB 4	5/8" - 11 or M16 x 2.0P
MTB 5	1" - 8 or M24 x 3.0P
NT 30	1/2" - 12 or M12 x 1.75P USA 1/2" - 13
NT 40	5/8" - 11 or M16 x 2.0P
NT 50	1" - 8 or M24 x 3.0P

- ★ The body thread treated with ground.
- ★ Included nut and spanner.
- ★ MTB=Draw Bar Type=DIN 228-A.

Can order SYIC-83640 TANG for shank MTB to become MTA.

MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	t ₁	T	WEIGHT (KGS)
SYIC - 83672	MTB2 x EOC25	126	64	62	49	17.78	M6 x 1.0P	M48 x 2.0P	1.30
SYIC - 83673	MTB3 x EOC25	144	81	63		23.825	M12 x 1.75P		1.40
SYIC - 83674	MTB4 x EOC25	162	102.5	59.5		31.267	M16 x 2.0P		1.55
SYIC - 83675	R8 x EOC25	163	102	61		31.75	M12 x 1.75P		1.55
SYIC - 83676	NT30 x EOC25	128.5	68.4	59.6		31.75			1.35
SYIC - 83677	NT40 x EOC25	148	93.4	54.6	63	44.45	M16 x 2.0P	1.65	
SYIC - 83678	NT50 x EOC25	185	126.8	58.2	97.5	69.85	M24 x 2.0P	3.45	
SYIC - 83682	MTB4 x EOC32	174	102.5	71.5	63	31.267	M16 x 2.0P	M60 x 2.5P	2.25
SYIC - 83683	MTB5 x EOC32	200	129.5	70.5		44.399	M24 x 2.0P		2.45
SYIC - 83685	NT40 x EOC32	175	93.4	81.6		44.45			2.25
SYIC - 83686	NT50 x EOC32	196.8	126.8	70	97.5	69.85			3.95

Standard Accessory: • STANDARD NUT • SPANNER

Option

COLLET	NUT	SPANNER	PRESET SCREW	TANG
P225	P241	P250	P275	P266